

Project Planning Phase

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	15 February 2025
Team ID	SWTID1743695015
Project Name	Shopez: E-Commerce Application
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks):

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Suhas Singh
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Komal Srivastava
Sprint-2		USN-3	As a user, I can register for the application through Facebook	2	Low	Ansh Raut
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Atharva Ramesh Dasewar
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Ansh Raut
Sprint-2	Dashboard	USN-6	As a user, I can view my account information and recent activity	2	High	Suhas Singh
Sprint-2		USN-7	As a user, I can see suggestions or tips based on my activity	2	Medium	Komal Srivastava
Sprint-3	Profile Management	USN-8	As a user, I can update my personal information like name, photo, and password	2	Medium	Atharva Ramesh Dasewar
Sprint-3		USN-9	As a user, I can delete my account if I no longer wish to use the service	3	Low	Suhas Singh

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	9 April 2025	15 April 2025	20	15 April 2025
Sprint-2	20	6 Days	9 April 2025	15 April 2025	20	15 April 2025
Sprint-3	20	6 Days	9 April 2025	15 April 2025	20	15 April 2025
Sprint-4	20	6 Days	9 April 2025	15 April 2025	20	15 April 2025
Sprint-5	16	4 Days	11 April 2025	15 April 2025	16	15 April 2025
Sprint-6	18	5 Days	10 April 2025	15 April 2025	18	15 April 2025
Sprint-7	20	6 Days	9 April 2025	15 April 2025	20	15 April 2025
Sprint-8	19	5 Days	10 April 2025	15 April 2025	19	15 April 2025

Velocity:

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

Burndown Chart

